CLAIMS:-

1. A modular printhead for a digital printer, the modular printhead comprising:

a plurality of printhead modules, each printhead module including a printhead chip;

a support frame, the support frame including a plurality of module engagement plates provided with an adjustment mechanism;

means to engage a printhead module with a corresponding module engagement plate of the support frame;

a reservoir moulding for storing ink;

at least one ink communication channel provided for each printhead module, the at least one ink communication channel adapted to facilitate ink flow from the reservoir moulding through an engagement plate and into the respective printhead module;

wherein the adjustment mechanism is adapted to effect minute adjustments of the position of the corresponding printhead module with respect to the support frame.

2. The modular printhead according to claim 1, wherein an elastomeric strip is provided between the reservoir moulding and the support frame.

3. The modular printhead according to claim 1, wherein a printhead module is provided with at least one ink funnel forming at least part of the ink communication channel and is plugged into the reservoir moulding via at least one corresponding aperture in a module engagement plate.

4. The modular printhead according to claim 3, wherein a printhead module is provided with four ink funnels and a module engagement plate is provided with four apertures.

5. The modular printhead according to claim 1, wherein the adjustment mechanism includes an input lever fulcrumed against the support frame for acting on a module engagement plate, the module engagement plate connected to the support frame by hinged link arms such that the resilient movement of the plate is substantially linear.

6. The modular printhead according to claim 1, wherein each printhead module includes a printhead chip bonded to a tape automated bond film supported by at least one moulding.

7. The modular printhead according to claim 1, wherein operation of the adjustment mechanism effects abutment of adjacent printhead chips.

8. The modular printhead according to claim 1, wherein the support frame is a metallic chassis and a module engagement plate is integrally formed with the metal chassis via hinged arms.

9. The modular printhead according to claim 3, wherein the at least one ink funnel provides means to engage the printhead module with the corresponding module engagement plate.